IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 10/633,235
Filing Date ..... July 31, 2003
Inventorship ..... Reichenthal et al.
Applicant ..... Boeing Corp.
Group Art Unit 2179
Examiner ..... Steven B. Theeriault
Attorney's Docket No. BO1-0251US
Title: Logistics Simulator

REVISED CLAIMS TO BE ENTERED BY EXAMINER'S AMENDMENT

To: Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

From: Jeffrey Valley (Tel. 509-324-9256, ext. 262; Fax 509-323-8979)
Lee & Hayes, PLLC
421 W. Riverside Avenue, Suite 500
Spokane, WA 99201

CLAIM AMENDMENTS

1. **(Currently Amended)** A computer readable media storing computer readable instructions that, when executed by a computer processor, provide a graphical user interface input device for creating and editing a simulation model, the device comprising:

a first component configured to enter and edit transportation platforms and associated attributes, wherein the transportation platforms have been determined to be included within the simulation model;

a second component configured to enter and edit commodities, wherein commodities are one or more of water, personnel, POL and ammo; and

a third component configured to perform one of assigning or removing a commodity to or from a transportation platform.

2. **(Previously Presented)** The computer readable media of Claim 1, further comprising a fourth component configured to create and edit a scenario.

3. **(Previously Presented)** The computer readable media of Claim 2, wherein the fourth component further comprises a fifth component configured to add a pulse to the scenario.

4. **(Previously Presented)** The computer readable media of Claim 3, wherein the fourth component further comprises a sixth component configured to delete a pulse from the scenario.

5. **(Previously Presented)** The computer readable media of Claim 4, wherein the fourth component further comprises a seventh component configured to view details of a pulse associated with the scenario.

6. **(Currently Amended)** The computer readable media of Claim 3, wherein the fourth component includes a sixth component configured to add a transportation platform to a pulse.

7. **(Currently Amended)** The computer readable media of Claim 3, wherein the fourth component includes a sixth component configured to delete a transportation platform from a pulse.

8. **(Previously Presented)** The computer readable media of Claim 3, wherein the fourth component further includes a sixth component configured to add a segment to a pulse.

9. **(Previously Presented)** The computer readable media of Claim 8, wherein the fourth component further includes a seventh component configured to delete a segment from a pulse.

10. **(Previously Presented)** The computer readable media of Claim 9, wherein the fourth component further includes an eighth component configured to view details of a segment.

11. **(Currently Amended)** The computer readable media of Claim 8, wherein the first component is further configured to perform one of define or edit attributes of a transportation platform based on at least one of a segment or a pulse.

12. **(Previously Presented)** The computer readable media of Claim 1, wherein the simulation model is created using a simulation reference modeling language.

13. **(Currently Amended)** A computer readable media containing computer readable instructions that, when executed by a computer processor, provide a graphical user interface output device for presenting a directory structure for a logistics model, the directory structure comprising:

a plurality of organizational units, wherein each organizational unit is organized by the command organization to which each organizational unit reports; and

one or more transportation platform directory structures, wherein each transportation platform is organized by the organizational unit that each transportation platform reports.

14 **(Previously Presented)** The computer readable media of Claim 13, further comprising a commodities output area configured to present commodity usage information.

15. **(Currently Amended)** The computer readable media of Claim 14, wherein the commodities output area includes a commodities usage list configured to present commodity usage information of one of a transportation platform, group of transportation platforms, or organizational unit selected in the directory structure.

16. **(Previously Presented)** The computer readable media of Claim 15, wherein the commodities output area includes a component configured to present effectiveness information.

17. **(Currently Amended)** The computer readable media of Claim 16, wherein the commodities output area further includes a graph for presenting commodity usage over time based on one of the selected operational unit, transportation platform, or group of transportation platforms from the directory structure and a commodity selected from the commodities output area.

18. **(Previously Presented)** The computer readable media of Claim 17, wherein the commodities output area includes a color component configured to display a color patch adjacent to commodity usage information, wherein the color component presents a color based on commodity usage in the simulation model.

19. **(Cancelled)**

20. **(Currently Amended)** A computer readable media containing computer readable instructions that, when executed by a computer processor, provide a graphical user interface device for creating and editing a simulation model and presenting the simulation model run within a scenario, the device comprising:

a first component configured to enter and edit transportation platforms and associated attributes, wherein the transportation platforms have been determined to be included within the simulation model;

a second component configured to enter and edit commodities;

a third component configured to perform one of assigning or removing a commodity to or from a transportation platform; and

a directory structure including:

a plurality of organizational units, wherein each organizational unit is organized by the command organization to which each organizational unit reports; and

one or more transportation platform directory structures, wherein each transportation platform is organized by the organizational unit that each transportation platform reports to.

21. **(Previously Presented)** The computer readable media of Claim 20, further comprising a fourth component configured to create and edit a scenario.

22. **(Previously Presented)** The computer readable media of Claim 21, wherein the fourth component further comprises a fifth component configured to add a pulse to the scenario.

23. **(Previously Presented)** The computer readable media of Claim 22, wherein the fourth component further comprises a sixth component configured to delete a pulse from the scenario.

24. **(Previously Presented)** The computer readable media of Claim 23, wherein the fourth component further comprises a seventh component configured to view details of a pulse associated with the scenario.

25. **(Currently Amended)** The computer readable media of Claim 22, wherein the fourth component includes a sixth component configured to add a transportation platform to a pulse.

26. **(Currently Amended)** The computer readable media of Claim 22, wherein the fourth component includes a sixth component configured to delete a transportation platform from a pulse.

27. **(Previously Presented)** The computer readable media of Claim 22, wherein the fourth component further includes a sixth component configured to add a segment to a pulse.

28. **(Previously Presented)** The computer readable media of Claim 27, wherein the fourth component further includes a seventh component configured to delete a segment from a pulse.

29. **(Previously Presented)** The computer readable media of Claim 28, wherein the fourth component further includes an eighth component configured to view details of a segment.

30. **(Currently Amended)** The computer readable media of Claim 27, wherein the first component is further configured to perform one of define or edit attributes of a transportation platform based on at least one of a segment or a pulse.

31 **(Previously Presented)** The computer readable media of Claim 20, further comprising a commodities output area configured to present commodity usage information.

32. **(Currently Amended)** The computer readable media of Claim 31, wherein the commodities output area includes a commodities usage list configured to present the commodity usage information of one of a transportation

platform, group of transportation platforms, or organizational unit selected in the directory structure.

33. **(Previously Presented)** The computer readable media of Claim 32, wherein the commodities output area includes a component configured to present effectiveness information.

34. **(Currently Amended)** The computer readable media of Claim 33, wherein the commodities output area further includes a graph for presenting commodity usage over time based on one of the selected operational unit, transportation platform, or group of transportation platforms from the directory structure and a commodity selected from the commodities output area.

35. **(Previously Presented)** The computer readable media of Claim 34, wherein the commodities output area includes a color component configured to display a color patch adjacent to commodity usage information, wherein the color component presents a color based on commodity usage in the simulation model.

36. **(Previously Presented)** The computer readable media of Claim 20, wherein the simulation model is created using a simulation reference modeling language.

37. **(Currently Amended)** A method for presenting a logistics model for a simulated warfare operation ~~simulated within a scenario~~, the method comprising:

presenting a directory structure comprising:

a plurality of organizational units, wherein each organizational unit is organized by the command organization to which the organizational unit reports to; and

one or more transportation platform directory structures, wherein each transportation platform is organized by the organizational unit that each transportation platform reports.

38 **(Original)** The method of Claim 37, further comprising presenting commodity usage information.

39. **(Currently Amended)** The method of Claim 38, wherein presenting commodity usage information includes presenting commodity usage information of one of a transportation platform, group of transportation platforms, or organizational unit sclected in the directory structure.

40. **(Original)** The method of Claim 39, wherein presenting commodity usage information includes presenting effectiveness information.

41. **(Currently Amended)** The method of Claim 40, wherein presenting commodity usage information includes presenting commodity usage over time based on one of the selected operational unit, transportation platform, or group of transportation platforms from the directory structure and a commodity selected from the commodities output area.

42. **(Original)** The method of Claim 41, wherein presenting commodity usage information includes displaying a color patch adjacent to commodity usage information based on commodity usage in the simulation model.

43. **(Currently Amended)** A computer system comprising:

a processor for executing a ~~simulation~~ logistics model for a simulated warfare operation ~~with respect to a scenario~~;

a display device coupled to the processor, the display device configured to display a directory structure comprising:

a plurality of organizational units, wherein each organizational unit is organized by the command organization to which each organizational unit reports; and

one or more transportation platform directory structures, wherein each transportation platform is organized by the organizational unit that each transportation platform reports to.

44 **(Original)** The system of Claim 43, wherein the display device is further configured to display a commodities output area configured to present commodity usage information.

45. **(Currently Amended)** The system of Claim 44, wherein the commodities output area includes a commodities usage list configured to present commodity usage information of one of a transportation platform, group of transportation platforms, or organizational unit selected in the directory structure.

46. **(Original)** The system of Claim 45, wherein the commodities output area includes a component configured to present effectiveness information.

47. **(Currently Amended)** The system of Claim 46, wherein the commodities output area further includes a graph for presenting commodity usage over time based on one of the selected operational unit, transportation platform, or

group of transportation platforms from the directory structure and a commodity selected from the commodities output area.

48. **(Original)** The system of Claim 47, wherein the commodities output area includes a color component configured to display a color patch adjacent to commodity usage information, wherein the color component presents a color based on commodity usage in the simulation model.

49. **(Original)** The system of Claim 43, wherein the simulation model is created using a simulation reference modeling language.